

FIGURE 1

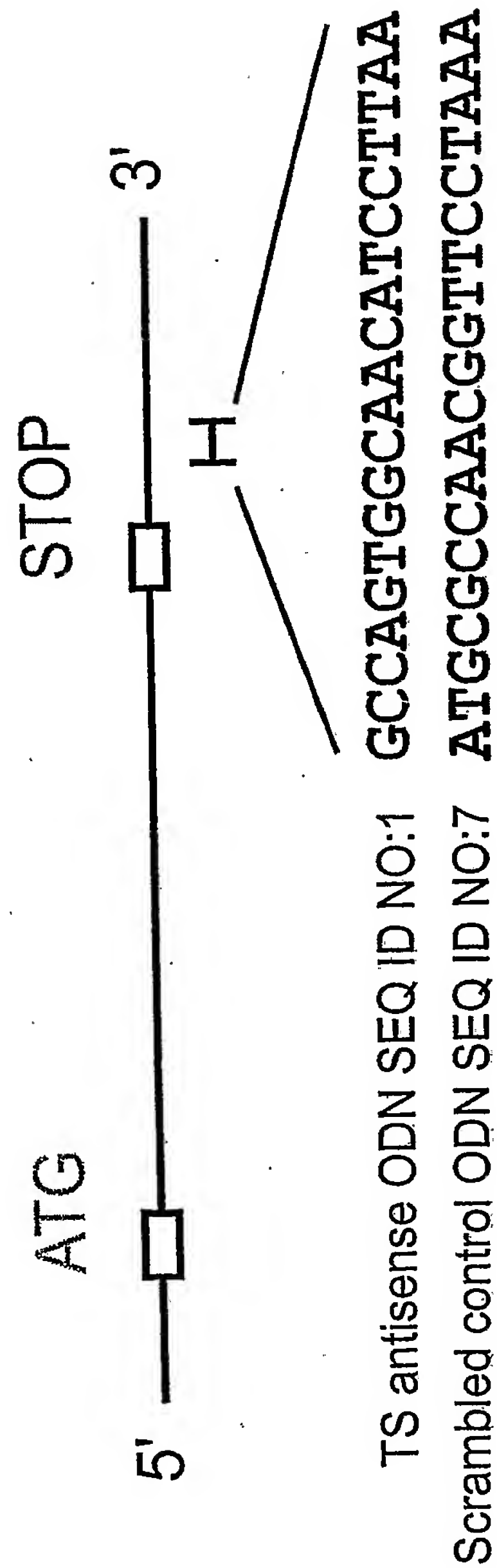
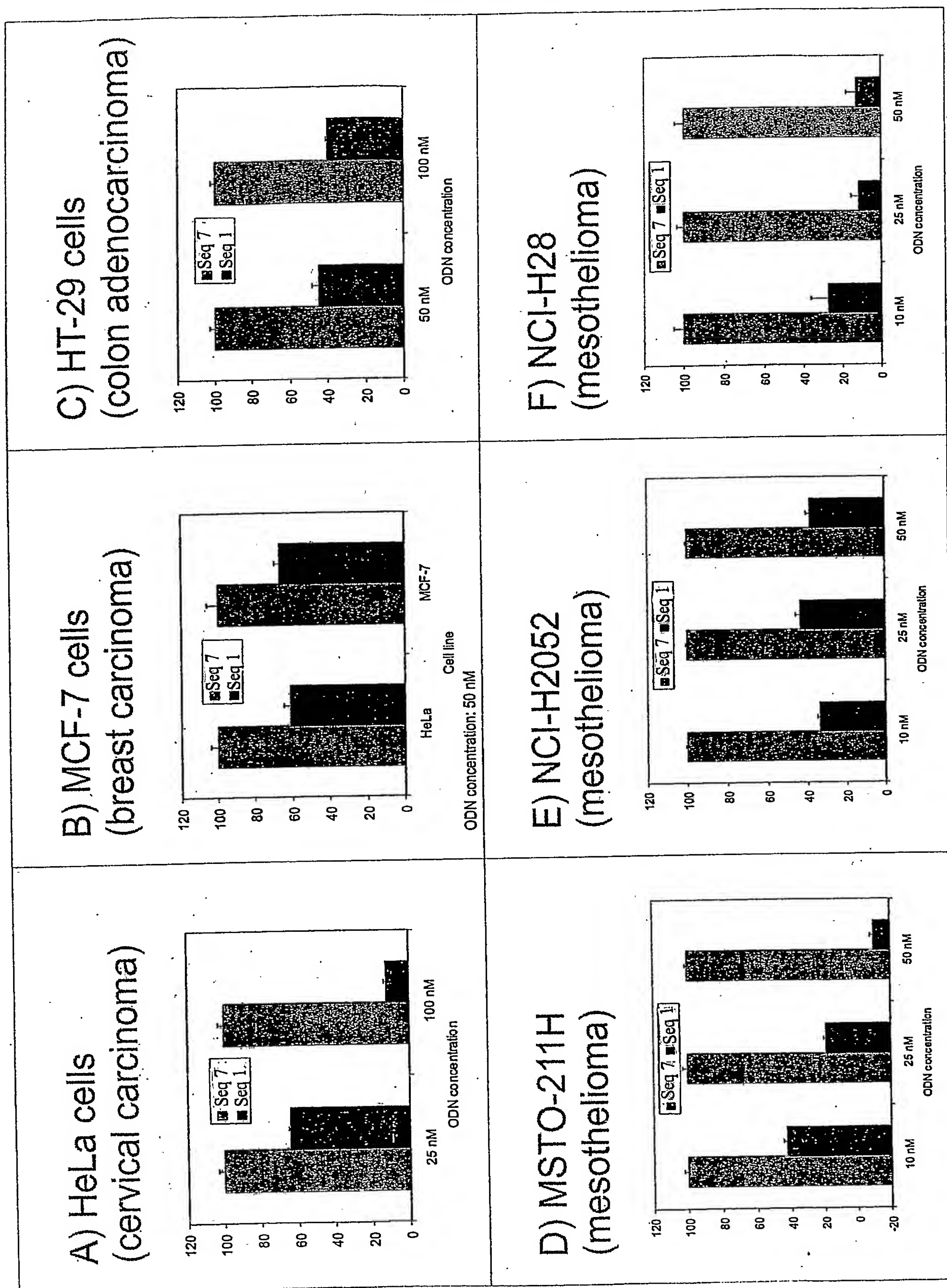


FIGURE 2



Cell proliferation rate (percent of control)

FIGURE 3

A

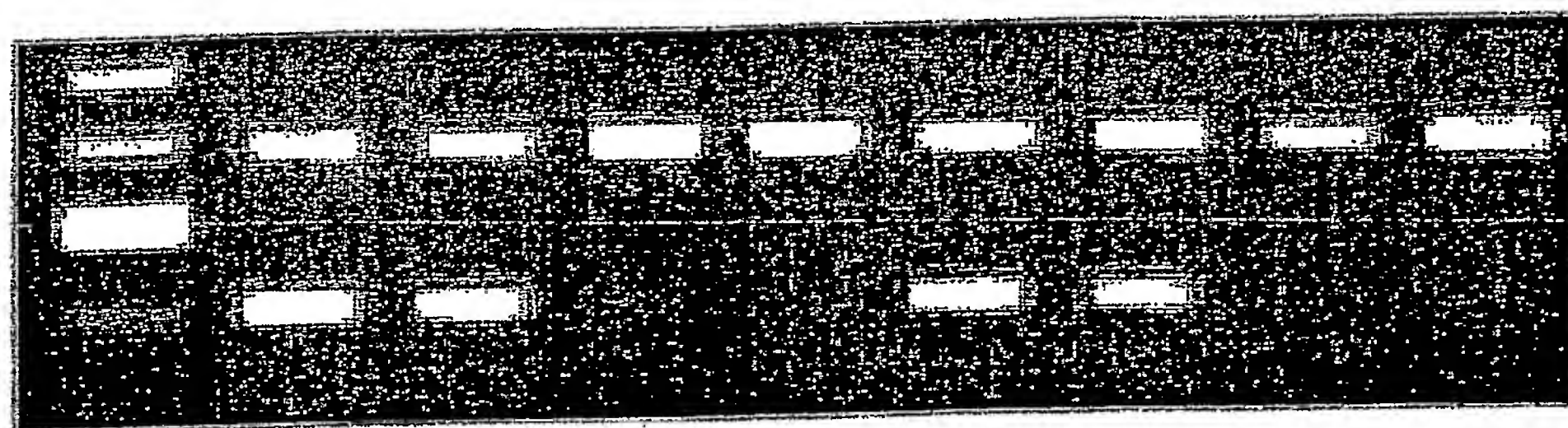
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 24 24 24 36 36 36 36

GAP



TS



HeLa

B

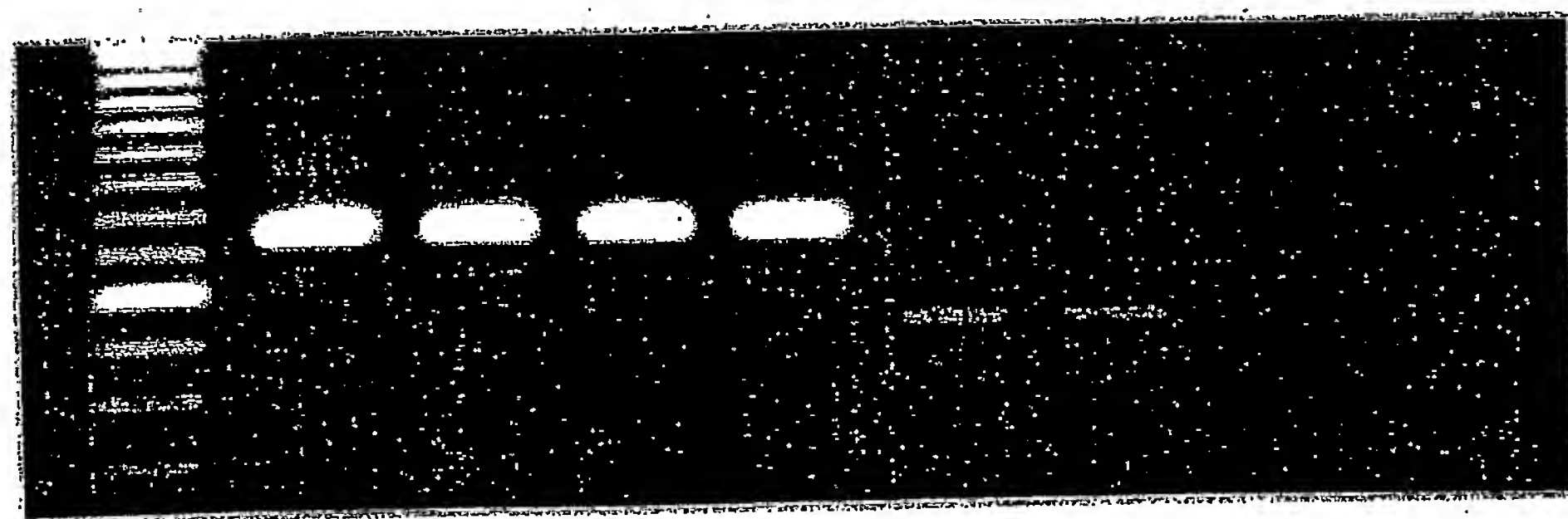
SEQ ID NO: 7 7 1 1 7 7 1 1

Time: 24 48 24 48 24 48 24 48

GAP



TS



HT-29

C

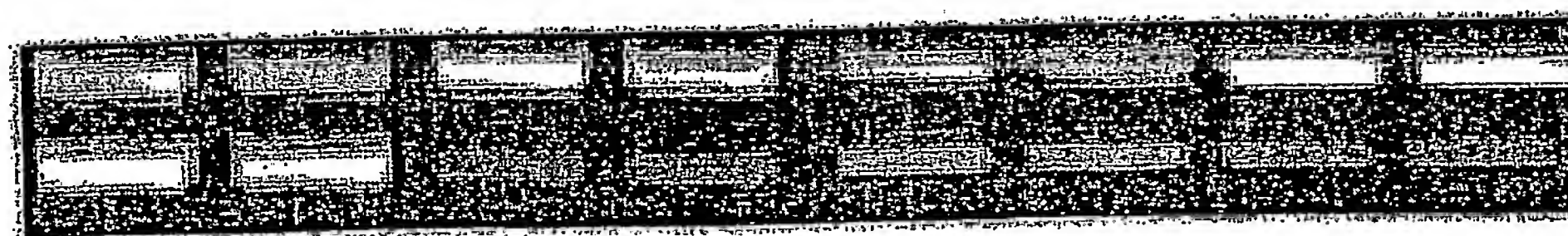
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Time: 24 24 24 24 48 48 48 48

GAP



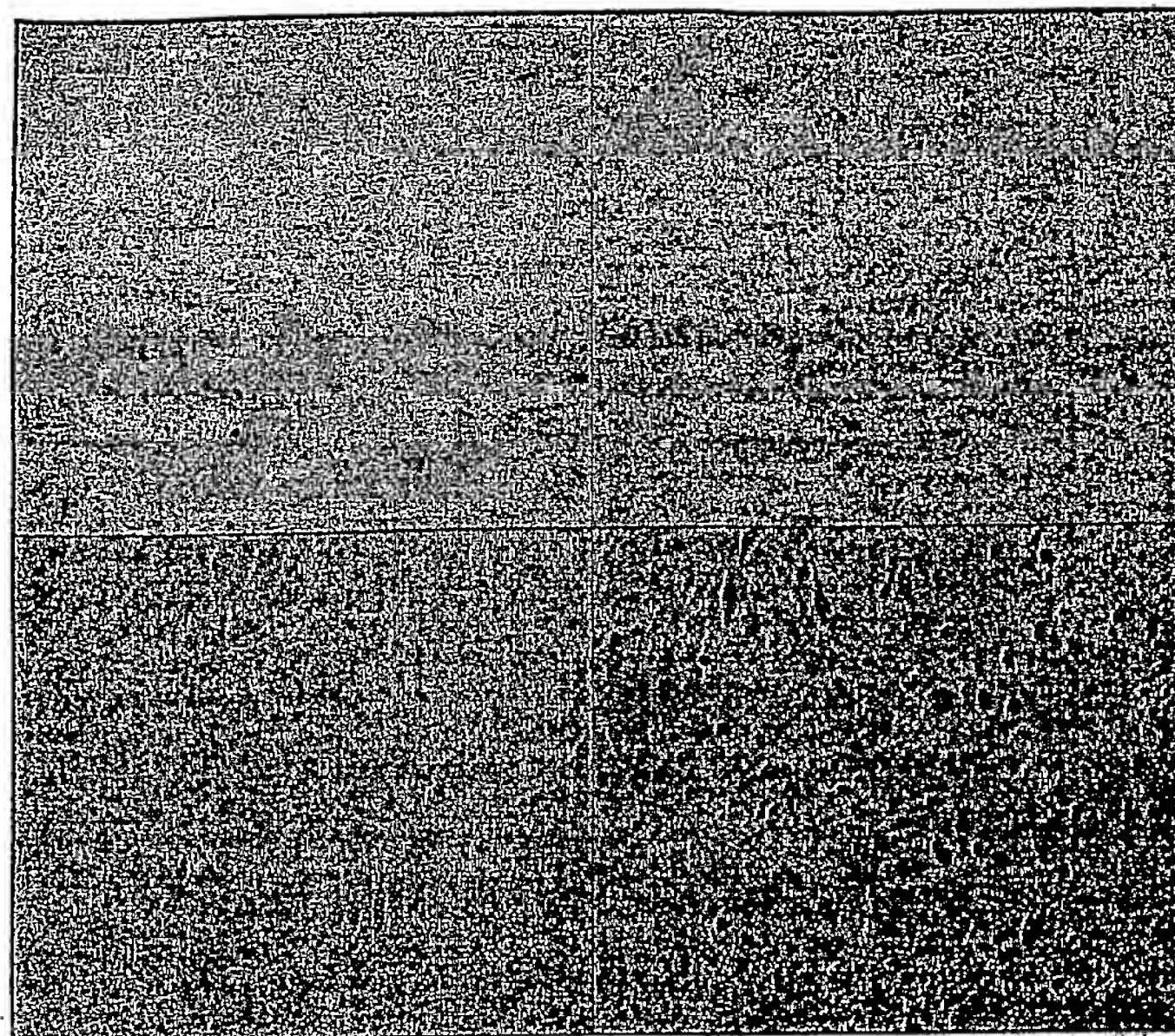
TS



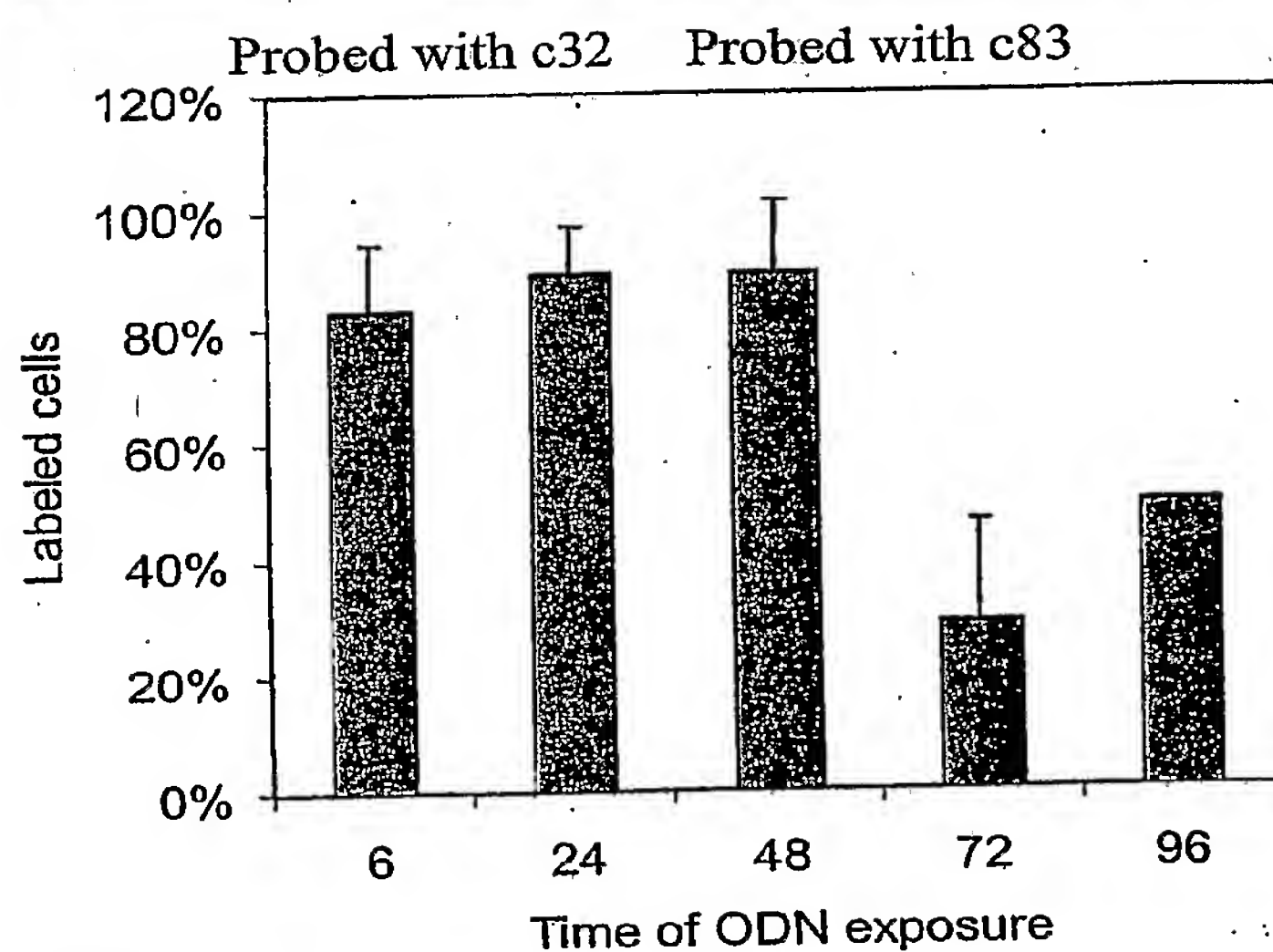
MCF-7

FIGURE 4

A

Cells treated
with ODN SEQ ID NO:7Cells treated
with ODN SEQ ID NO:1

B



C

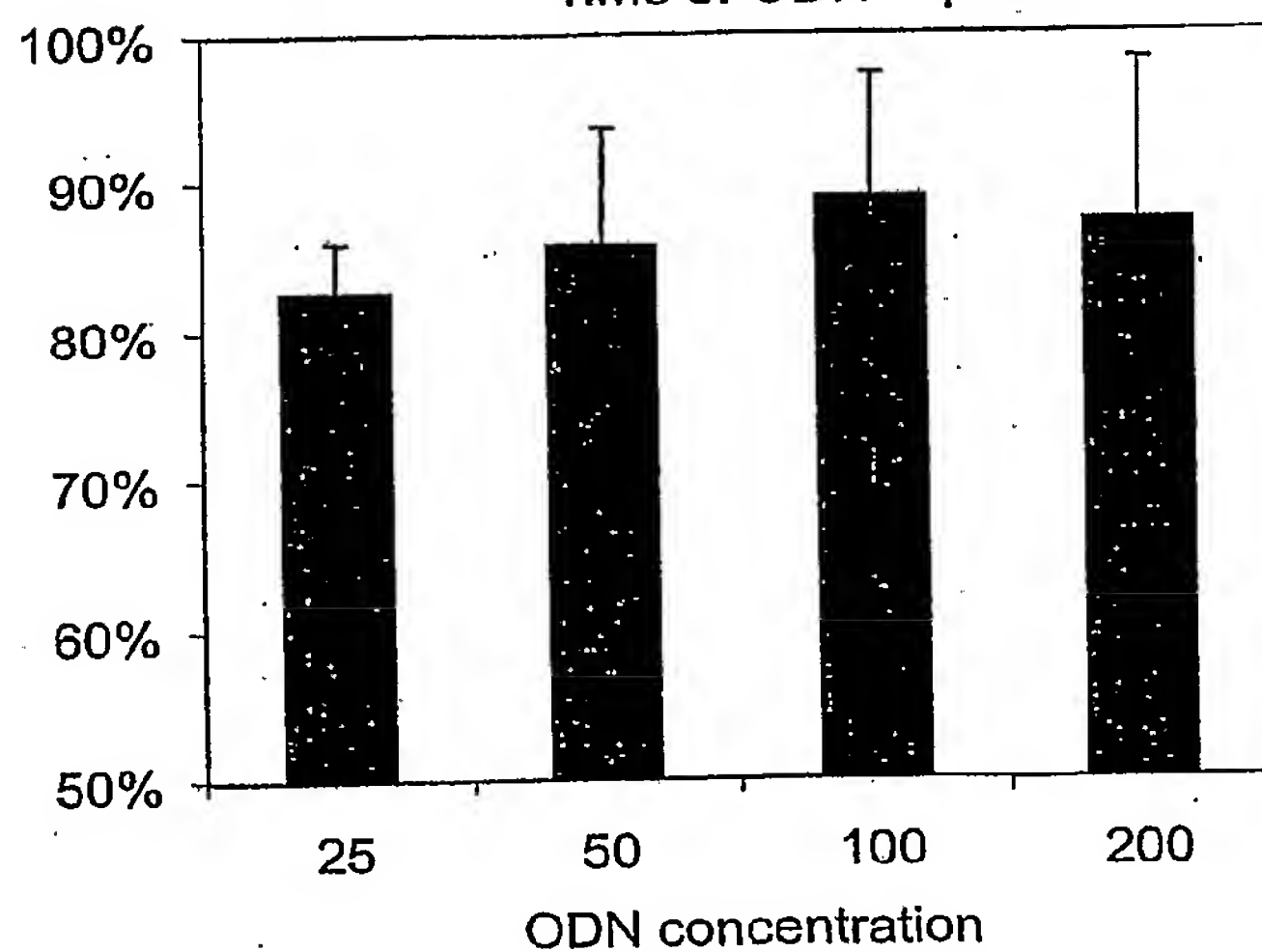


FIGURE 5

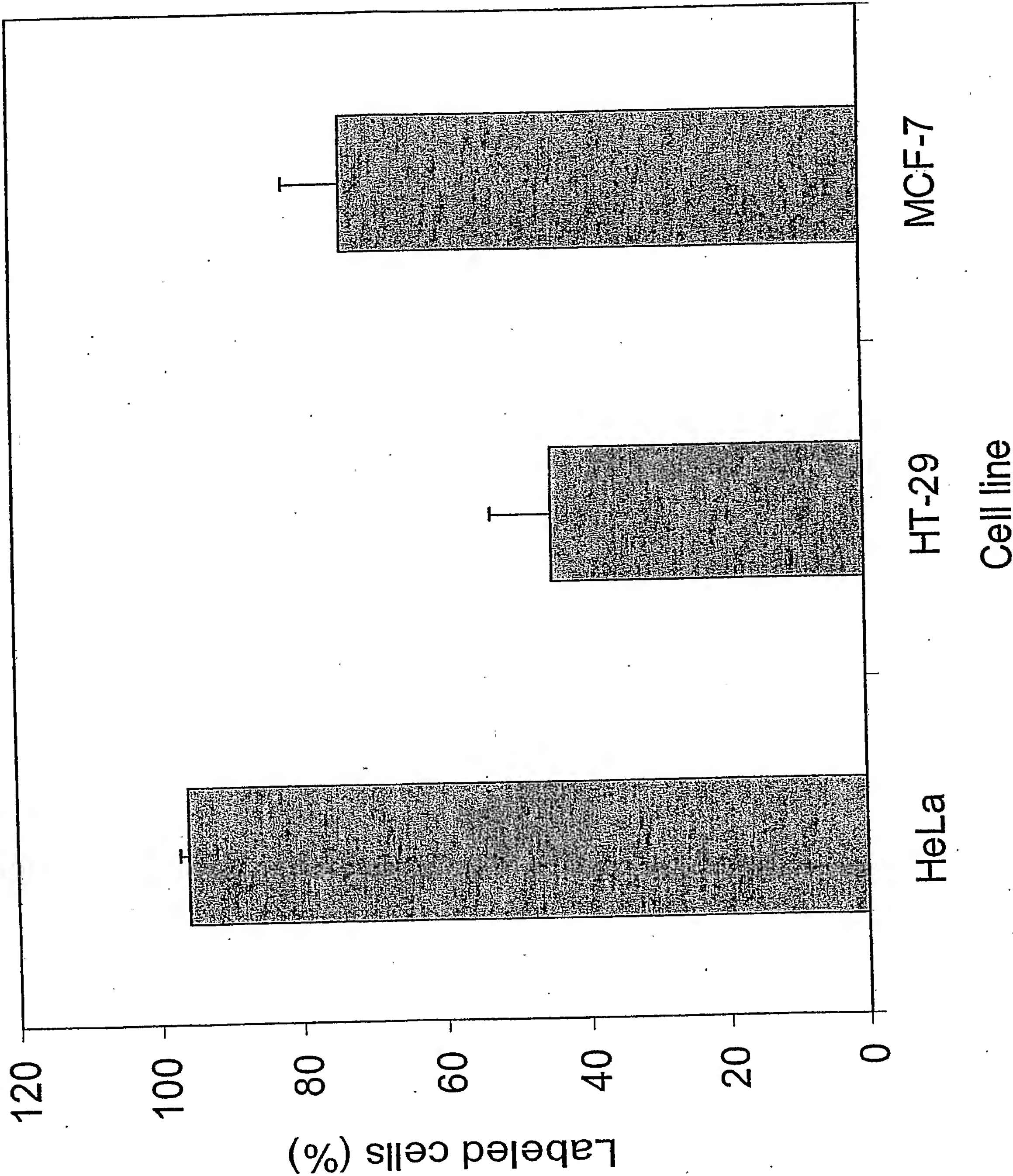


FIGURE 6

ODN SEQ ID NO:1 sensitizes HT-29 colon carcinoma cells to TS-targeting drugs

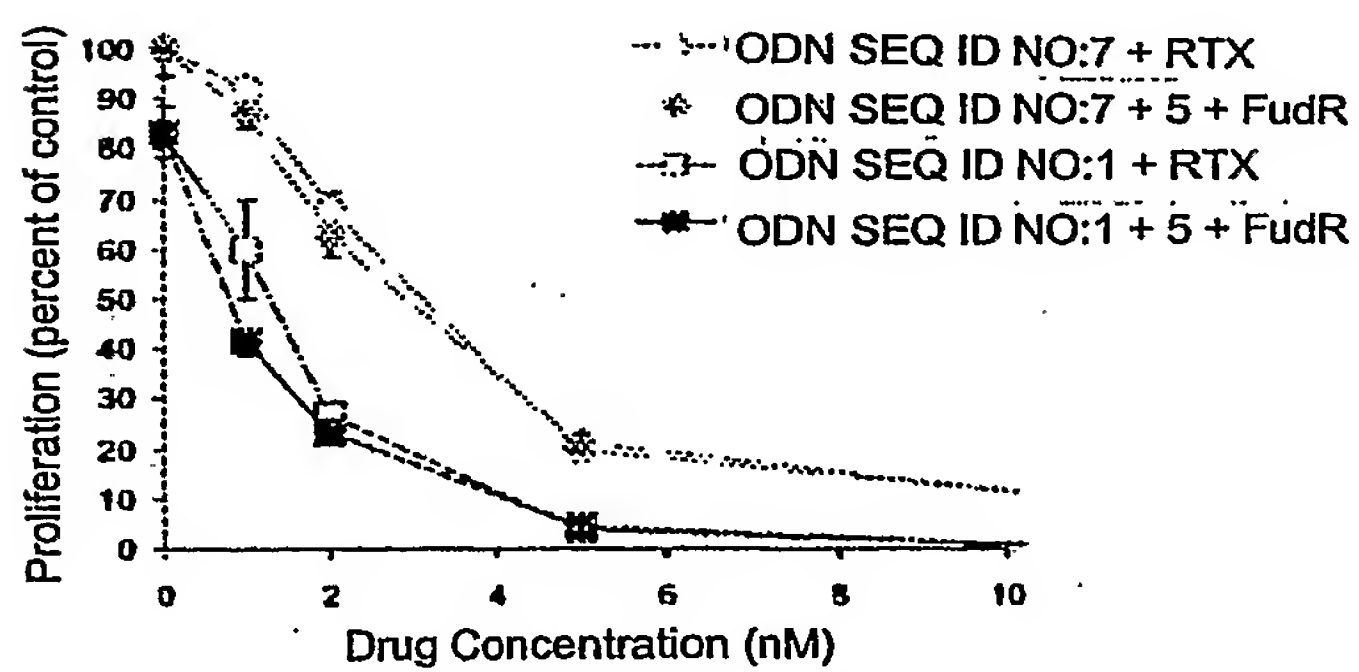
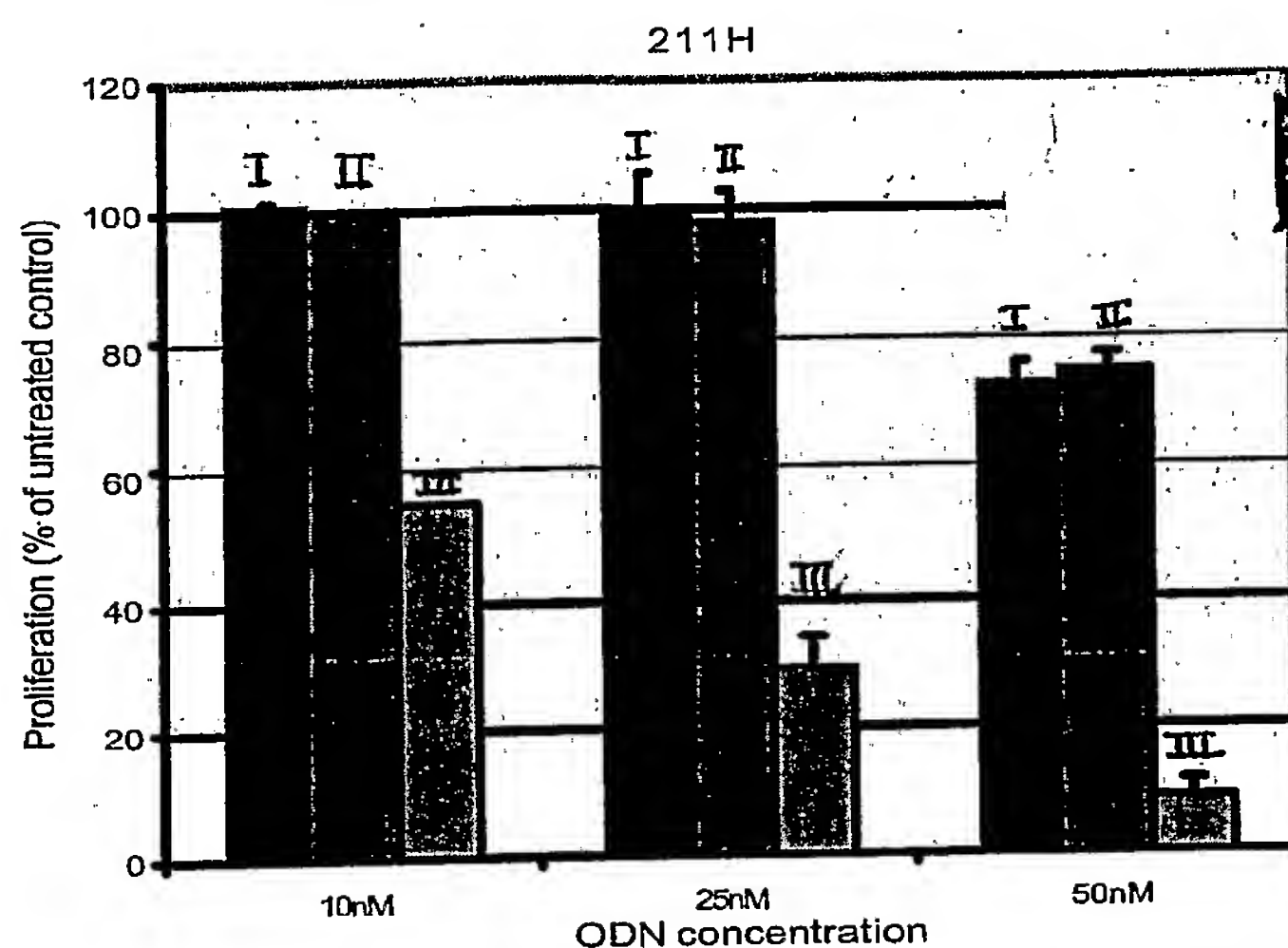
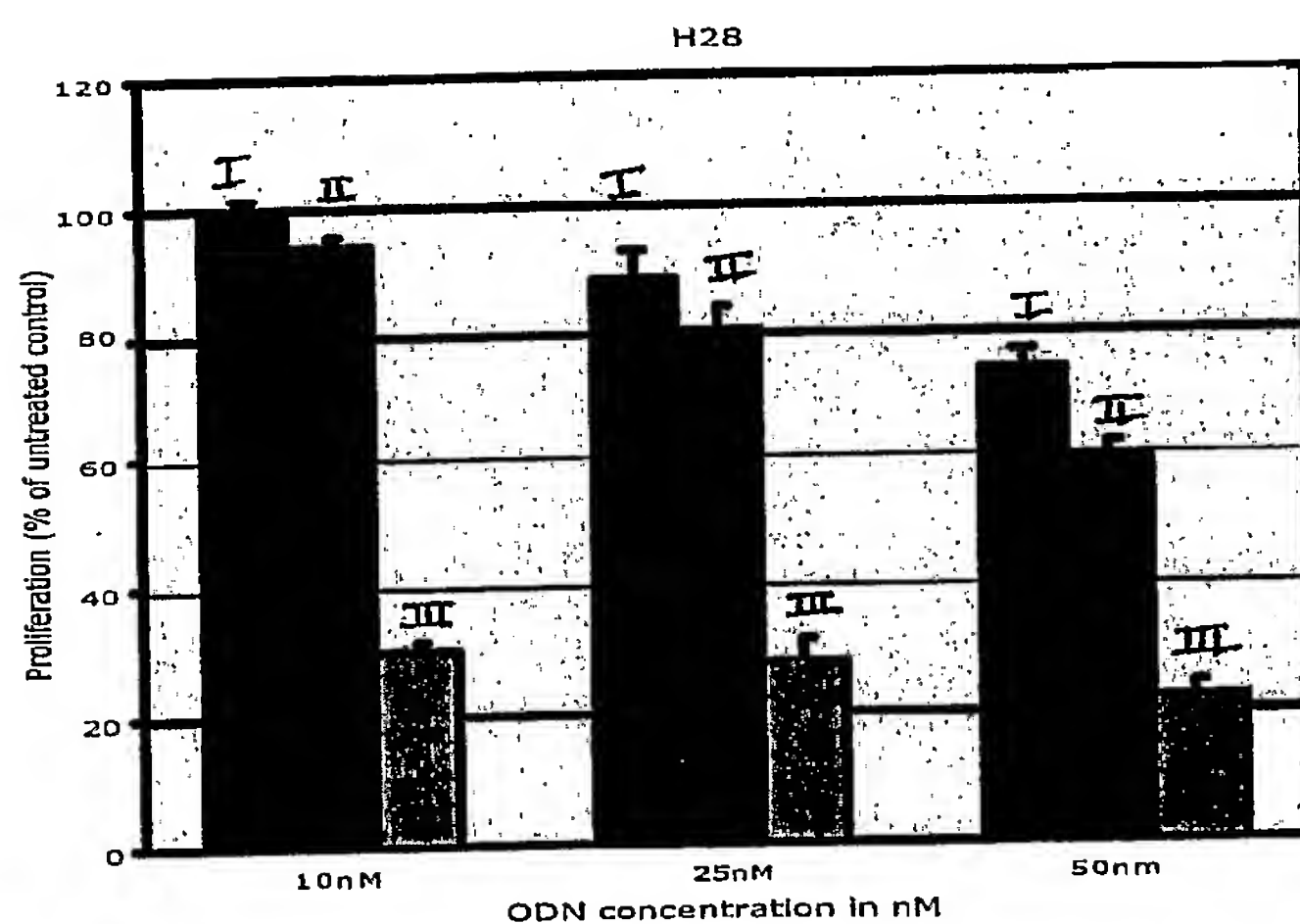


Figure 7 SEQ ID NO:1 Inhibits Proliferation of Mesothelioma Cells



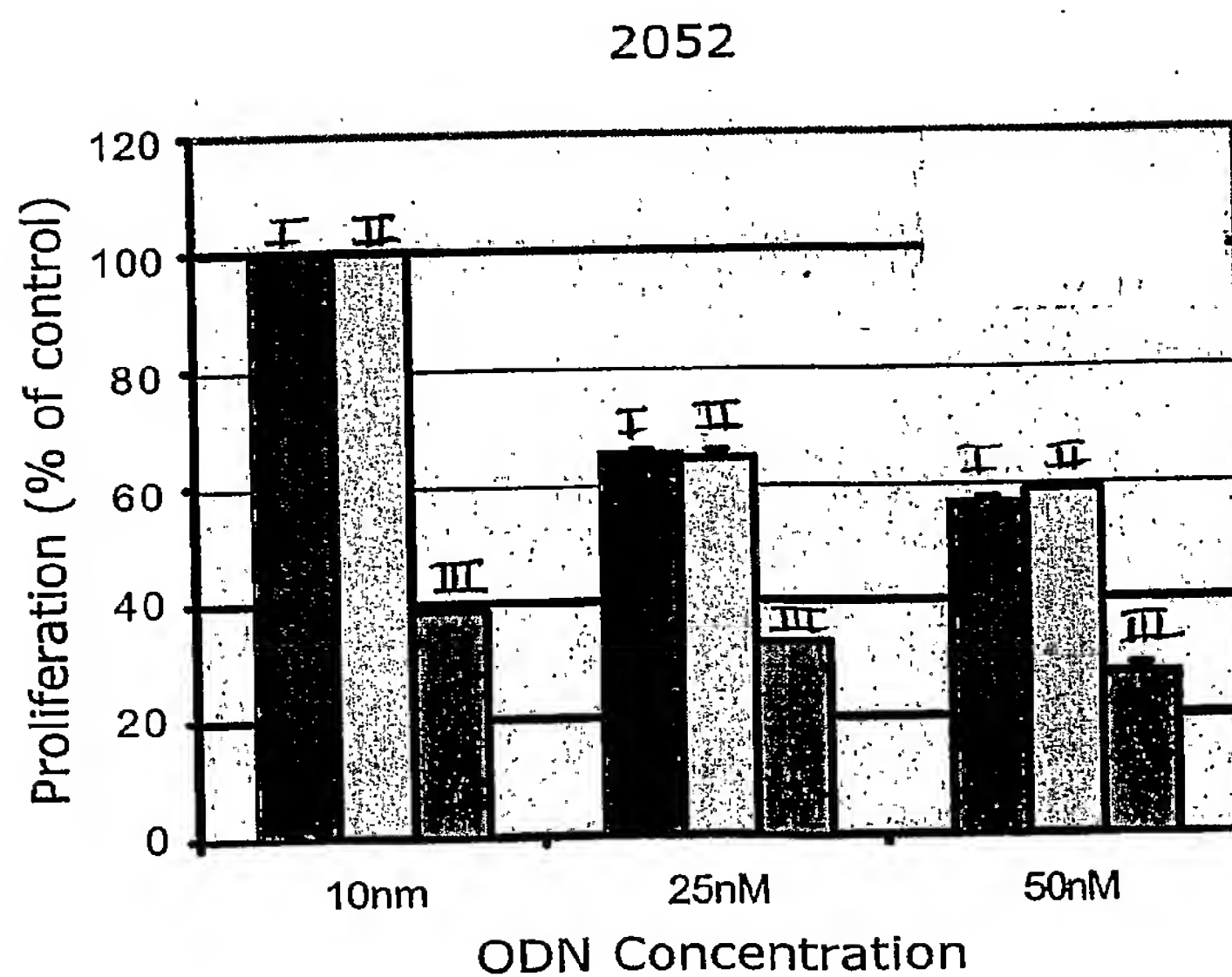
A

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



B

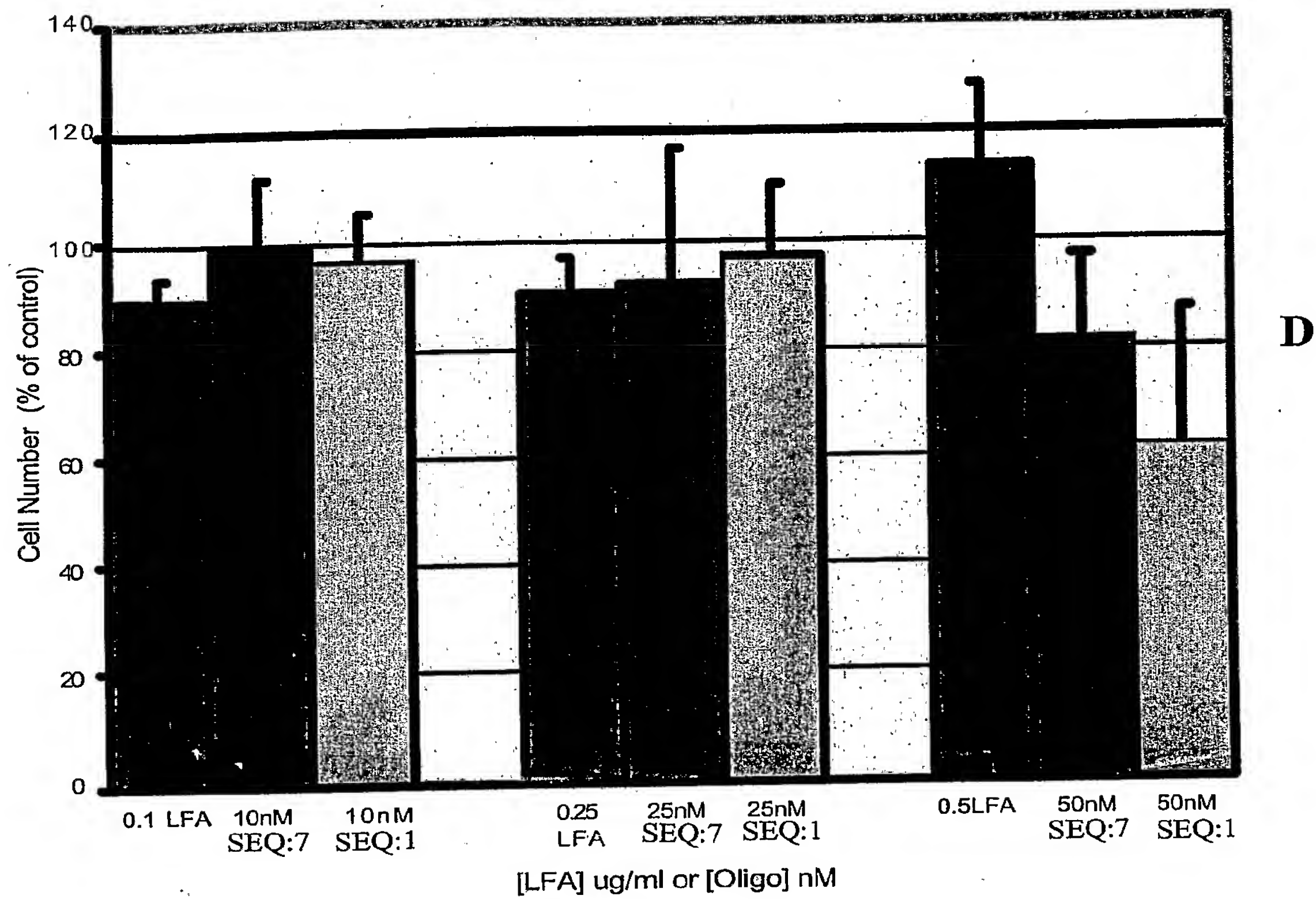
I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1



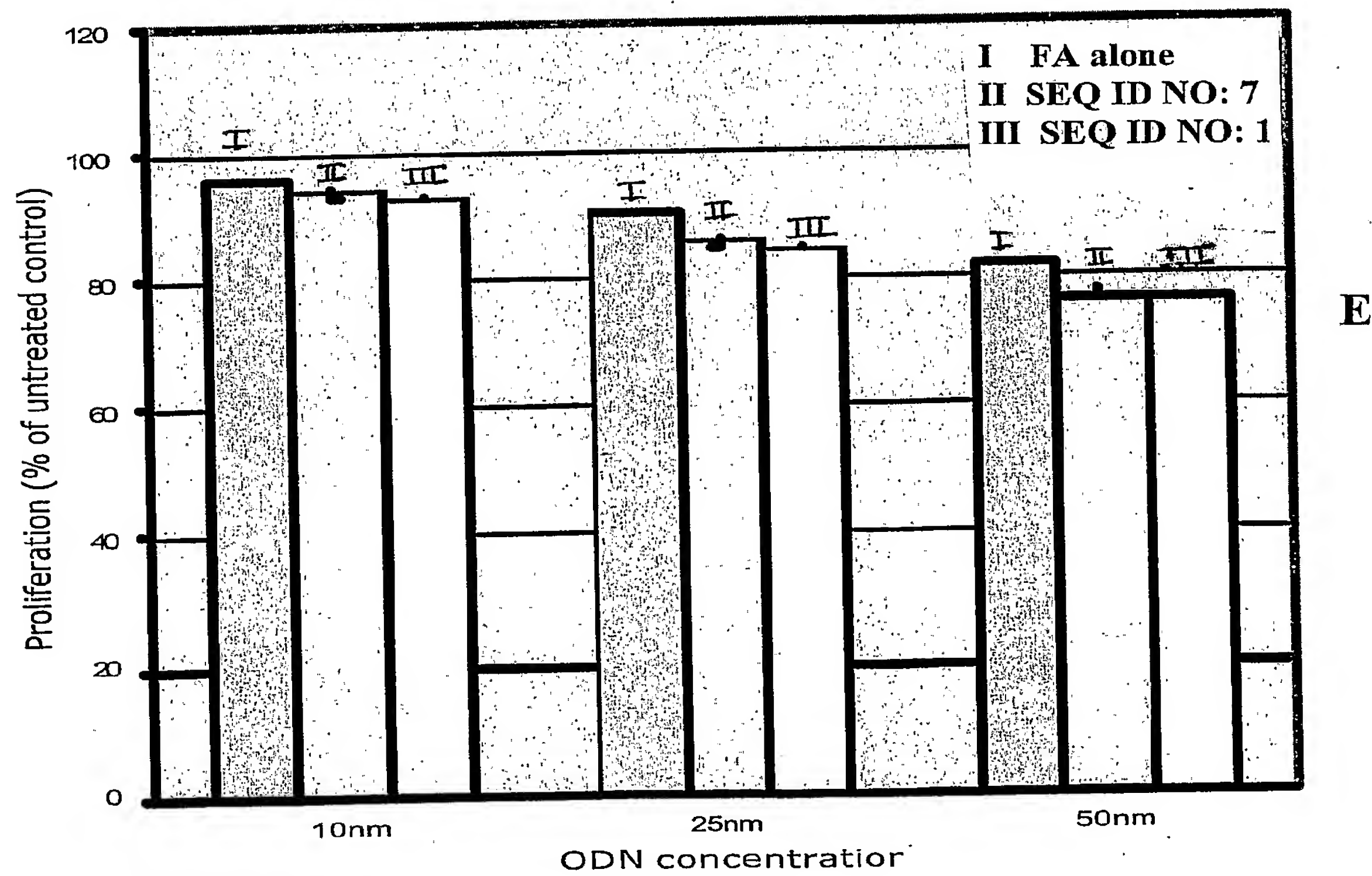
C

I FA alone
II SEQ ID NO: 7
III SEQ ID NO: 1

Figure 7 MCF-7 breast carcinoma



OV-90 Ovarian cancer



control SEQ ID NO: 7 SEQ ID NO: 1

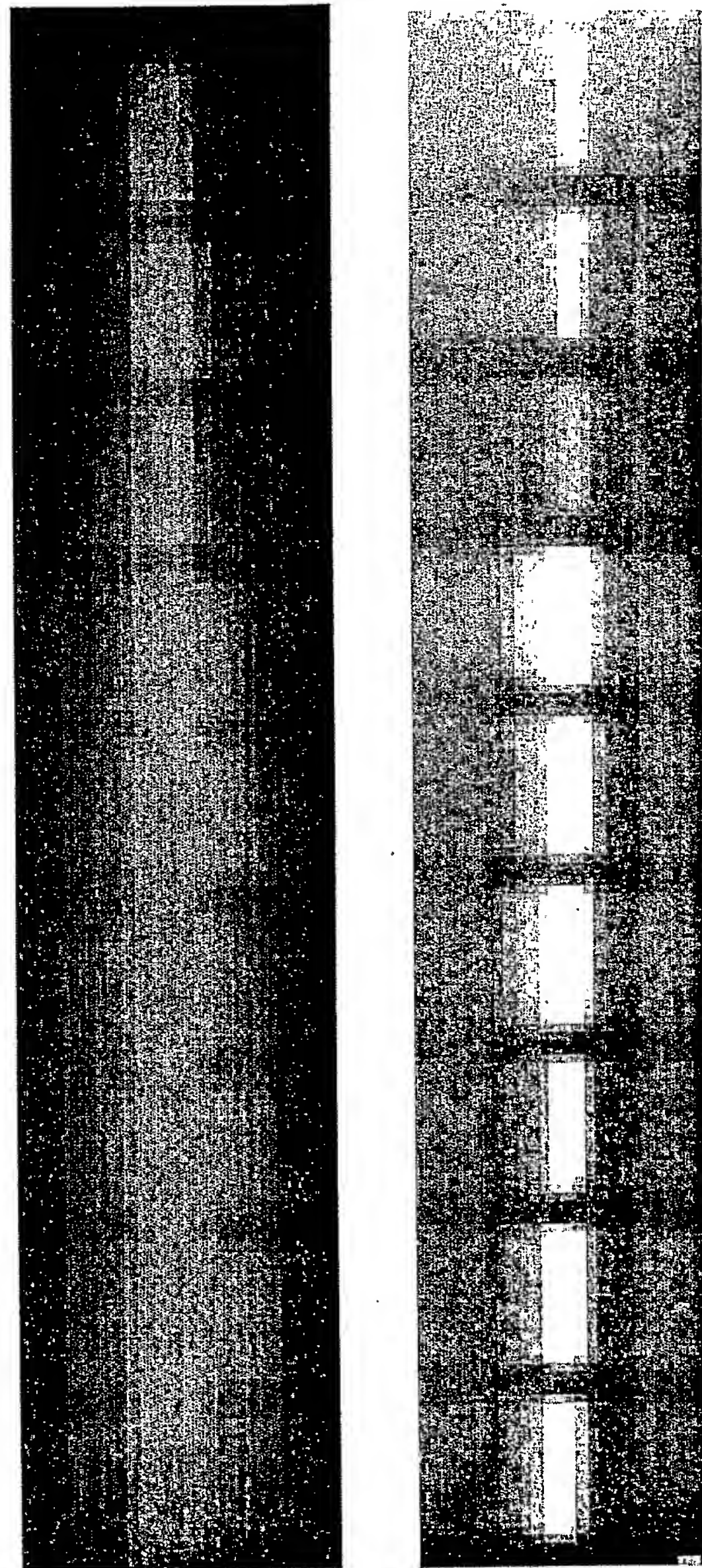


Figure 8

Figure 9

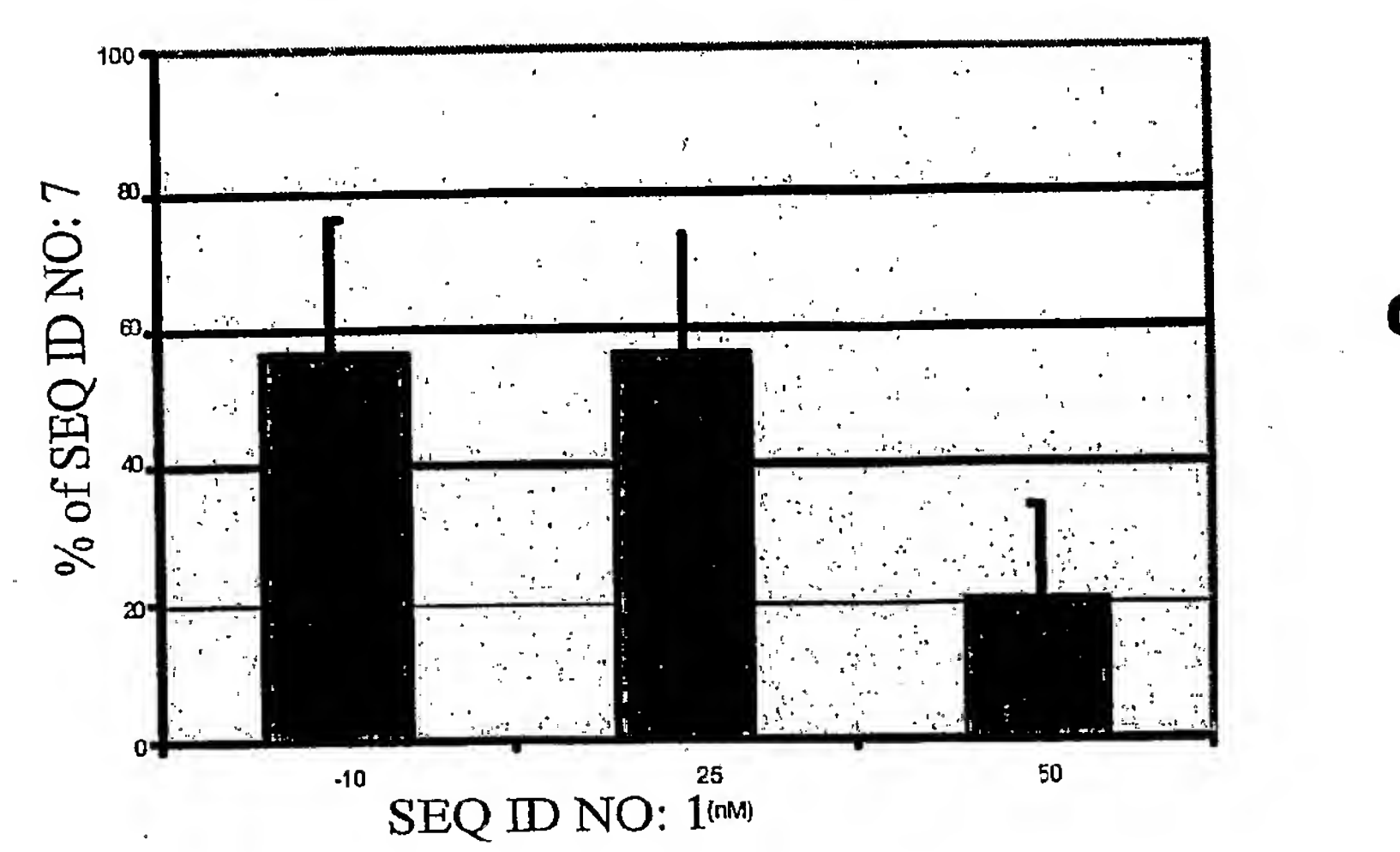
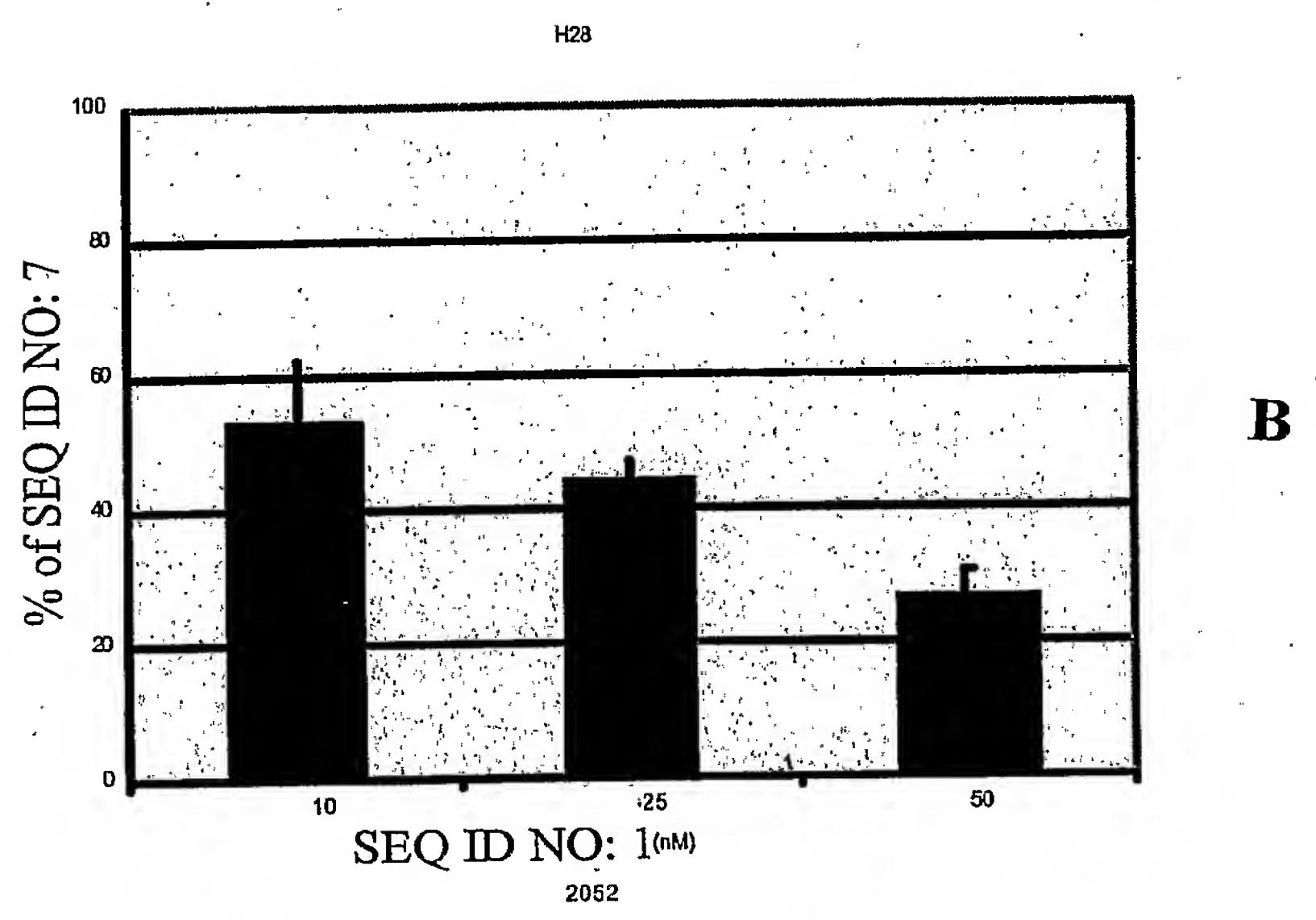
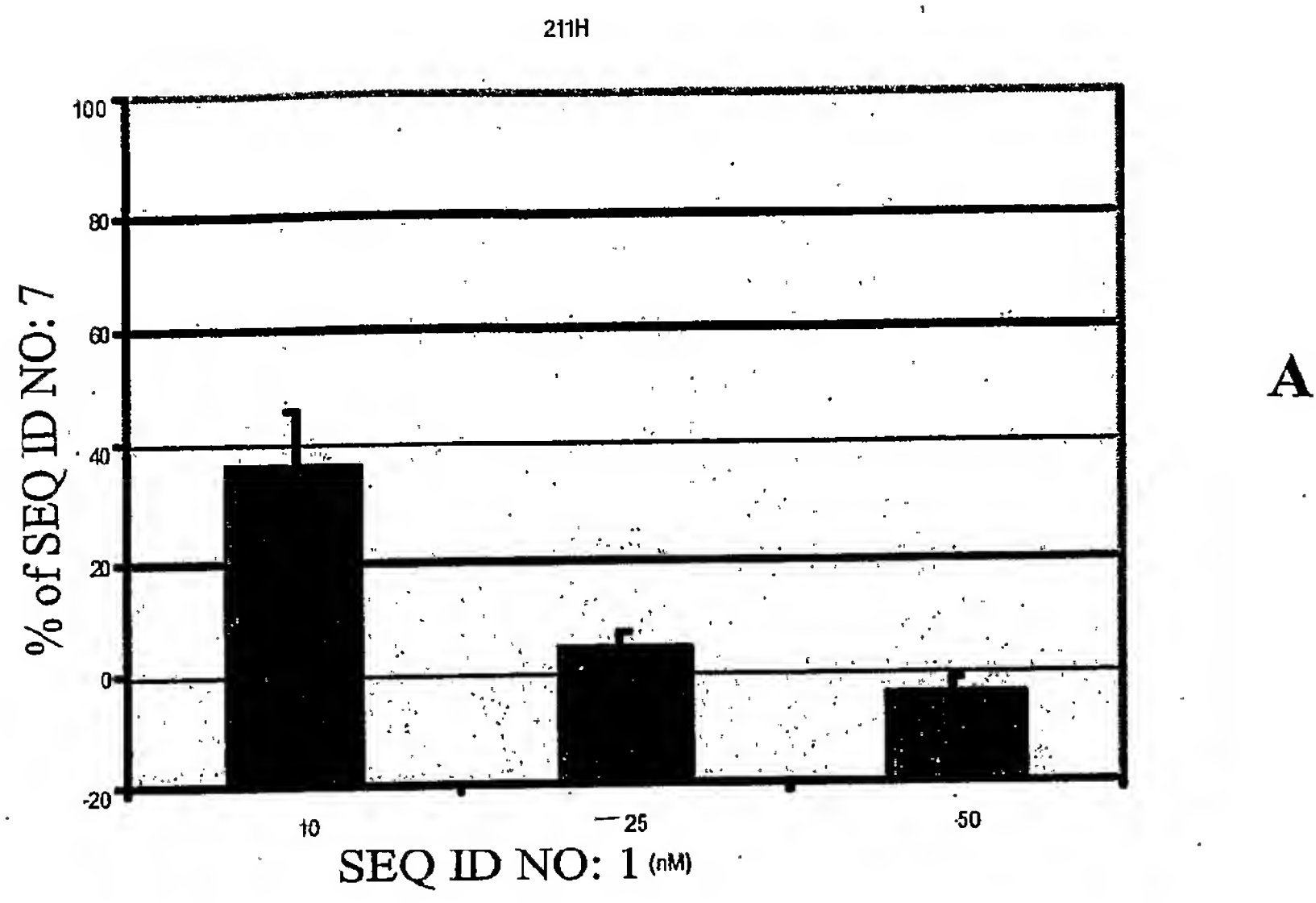
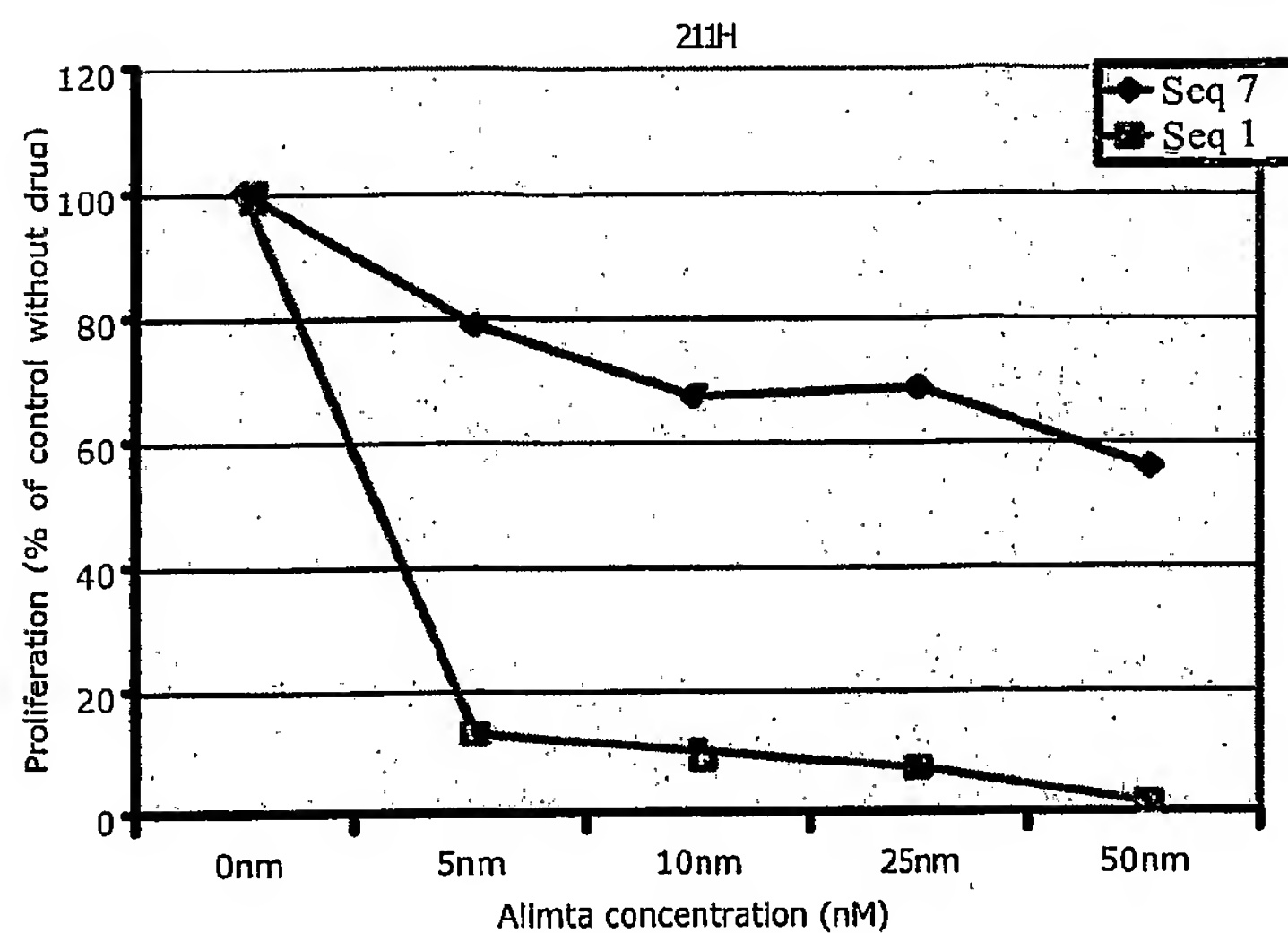
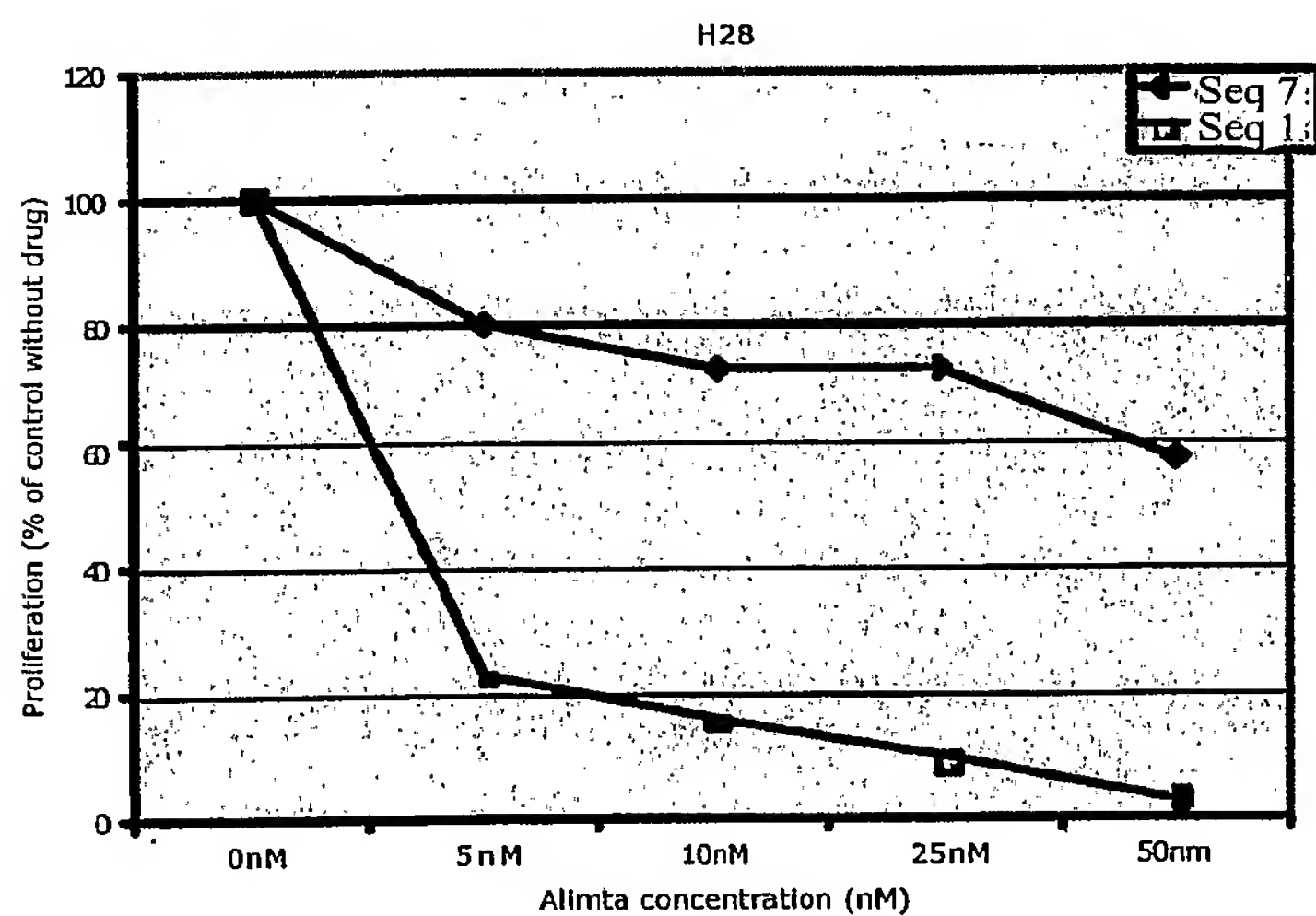


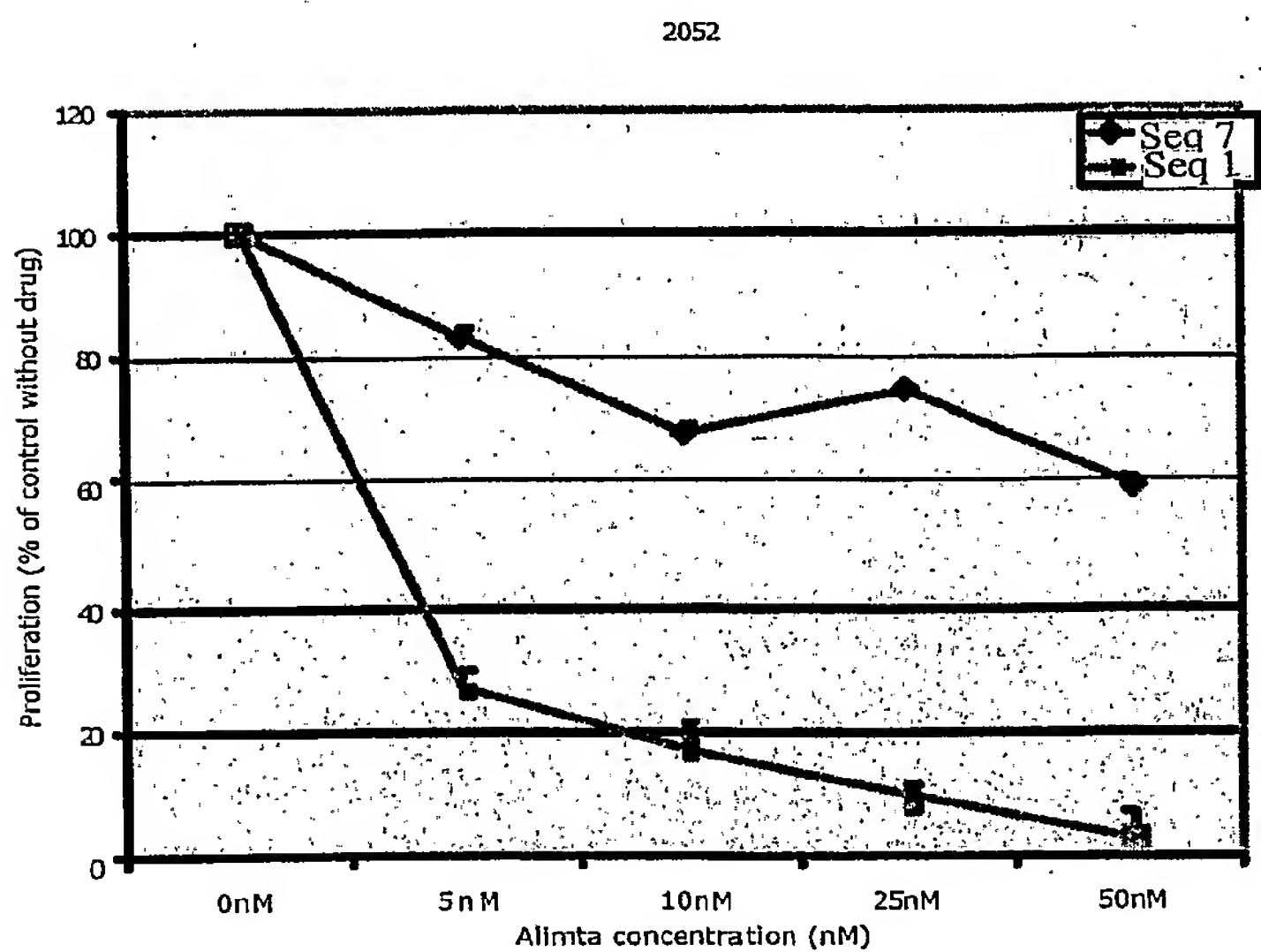
Figure 10 **SEQ ID NO:1 Enhances ALIMTA Cytotoxicity**



A

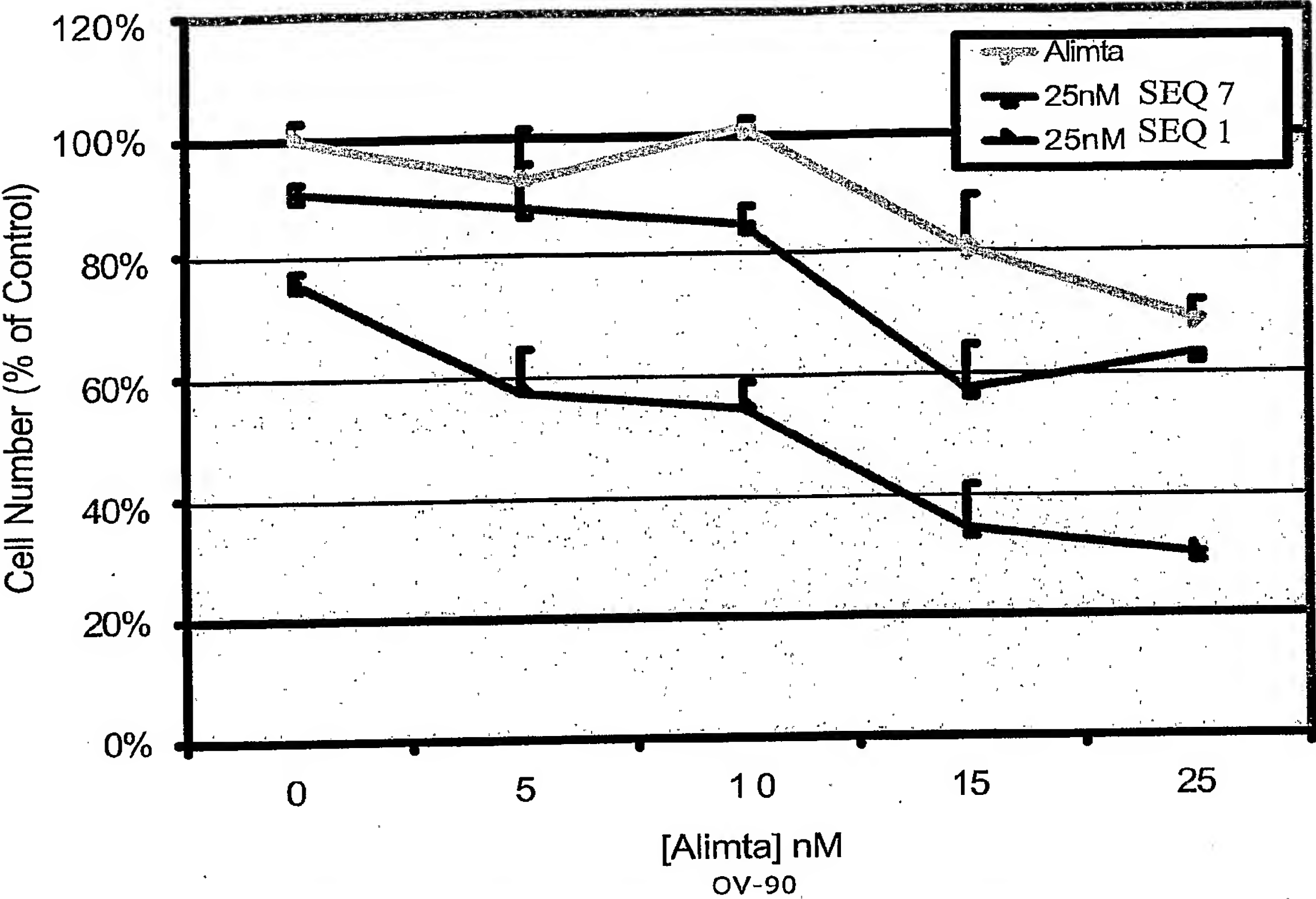


B

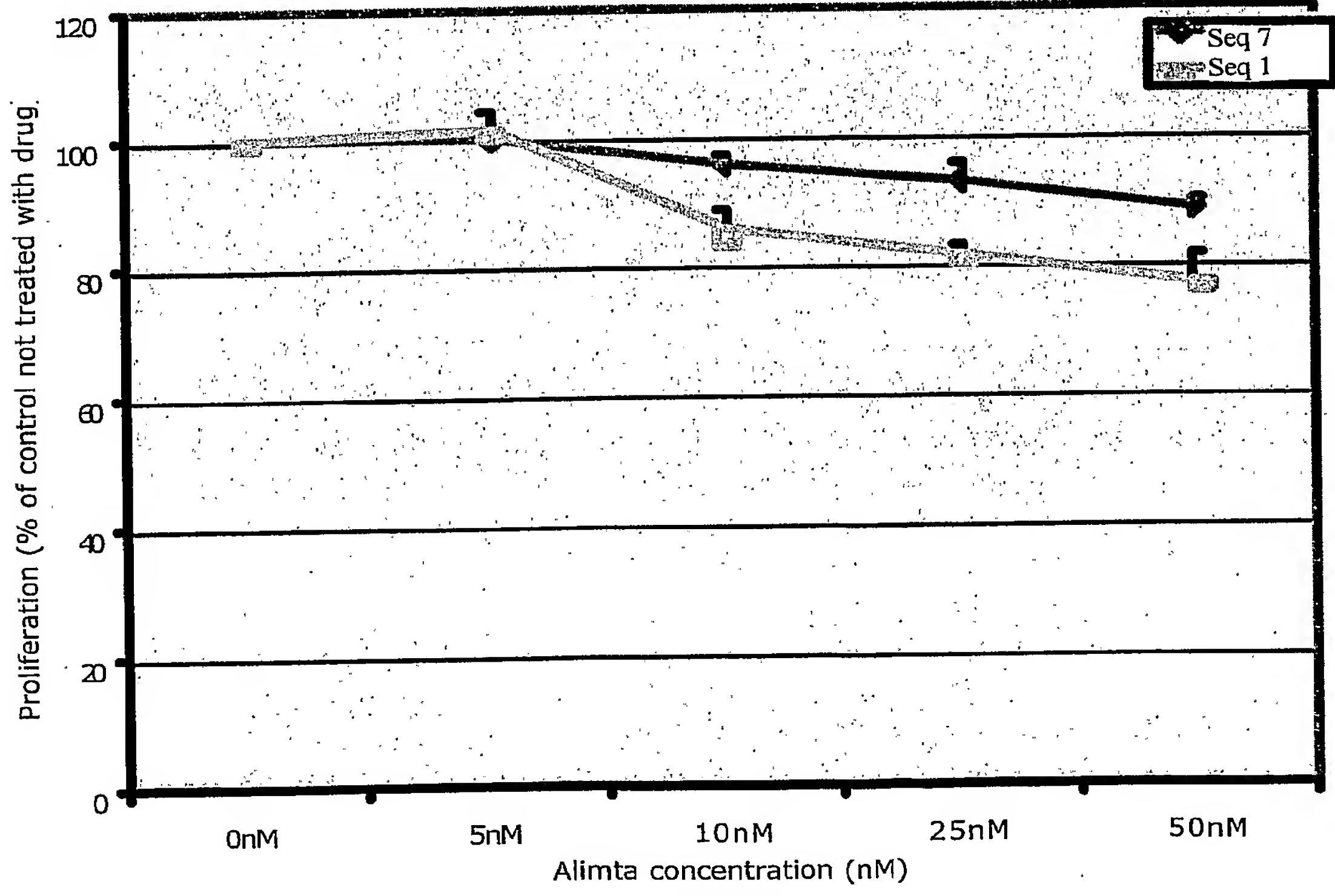


C

Figure 10
MCF-7 breast carcinoma



D



E

Figure 11

2052

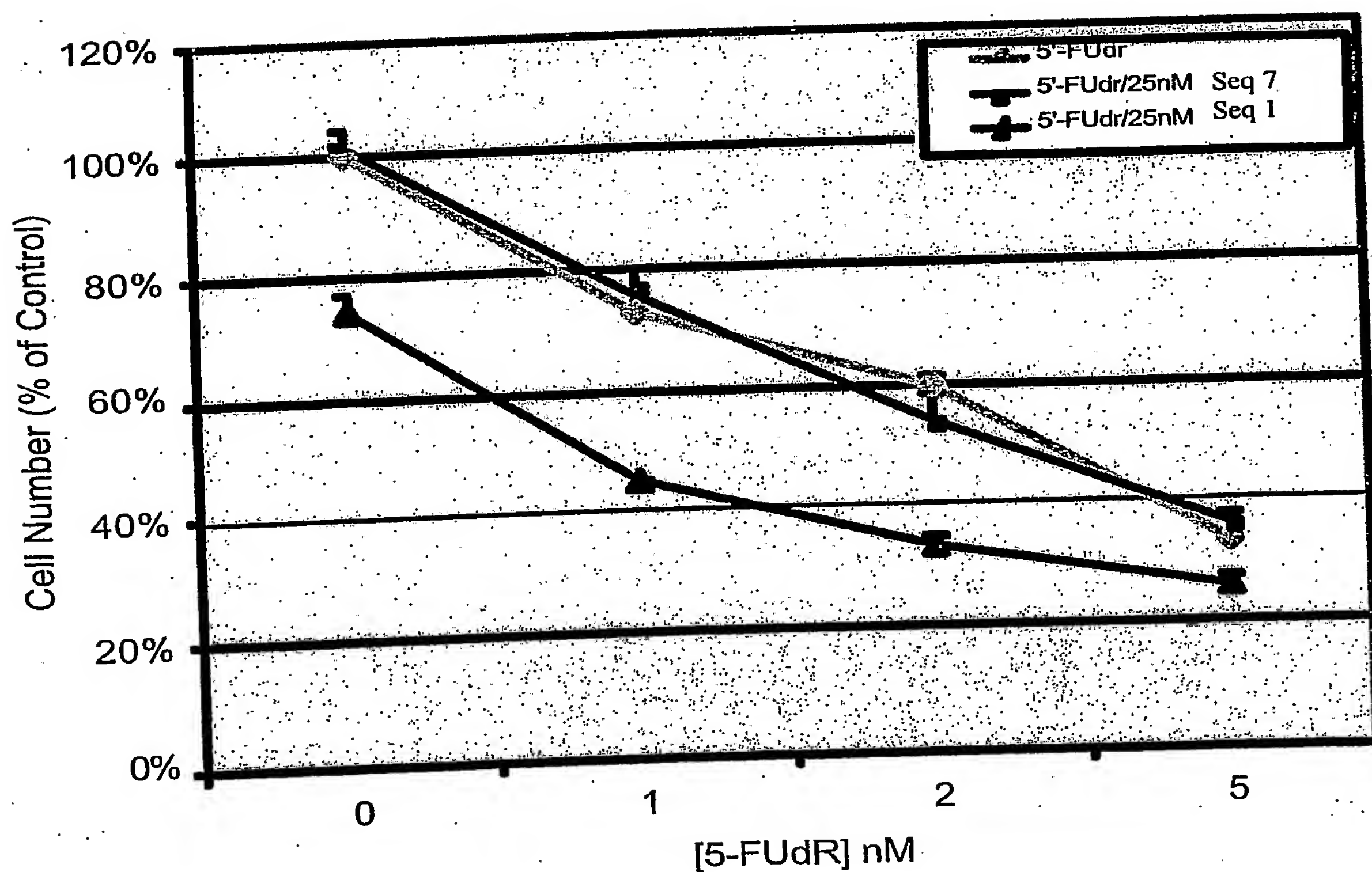
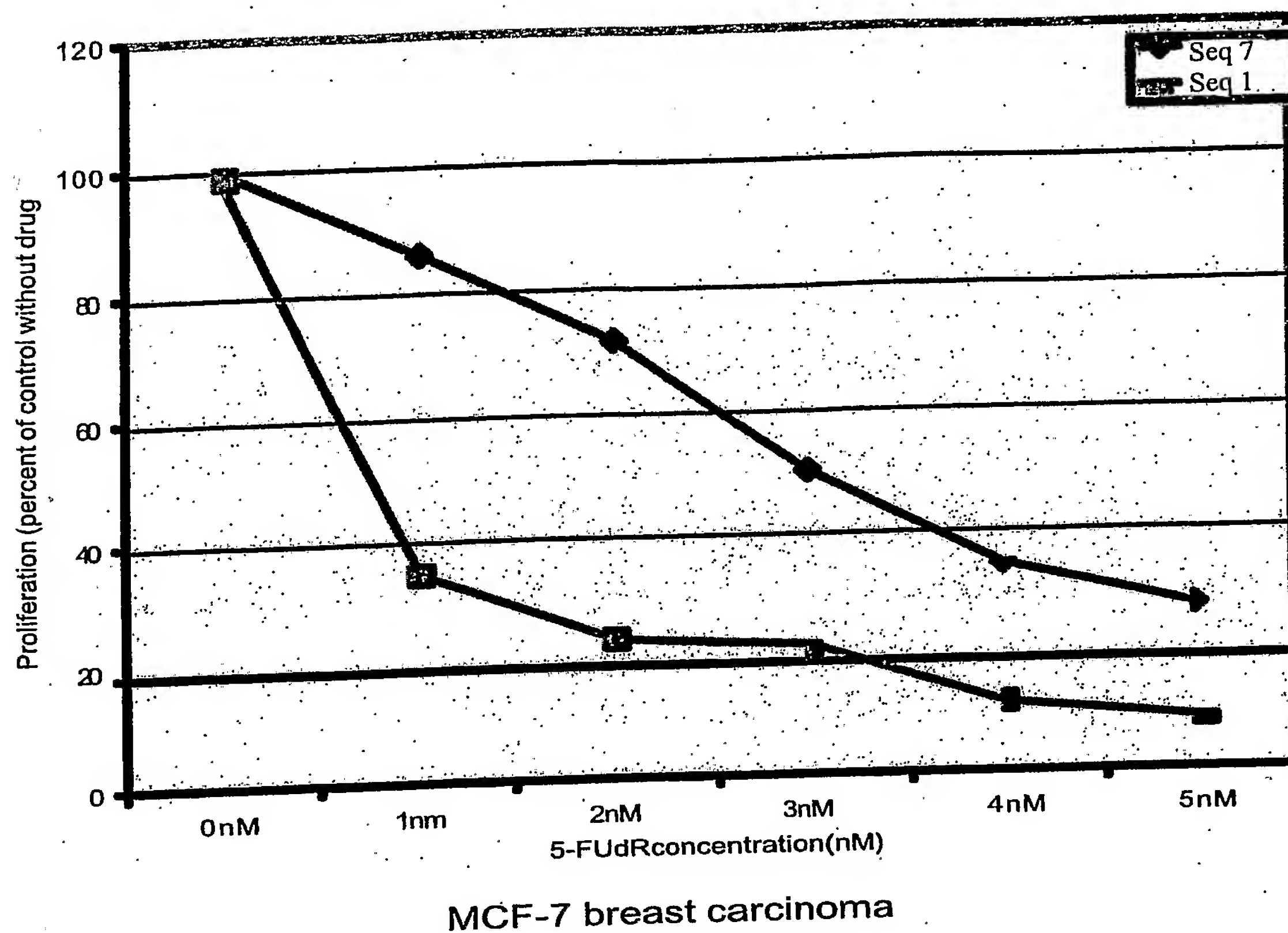
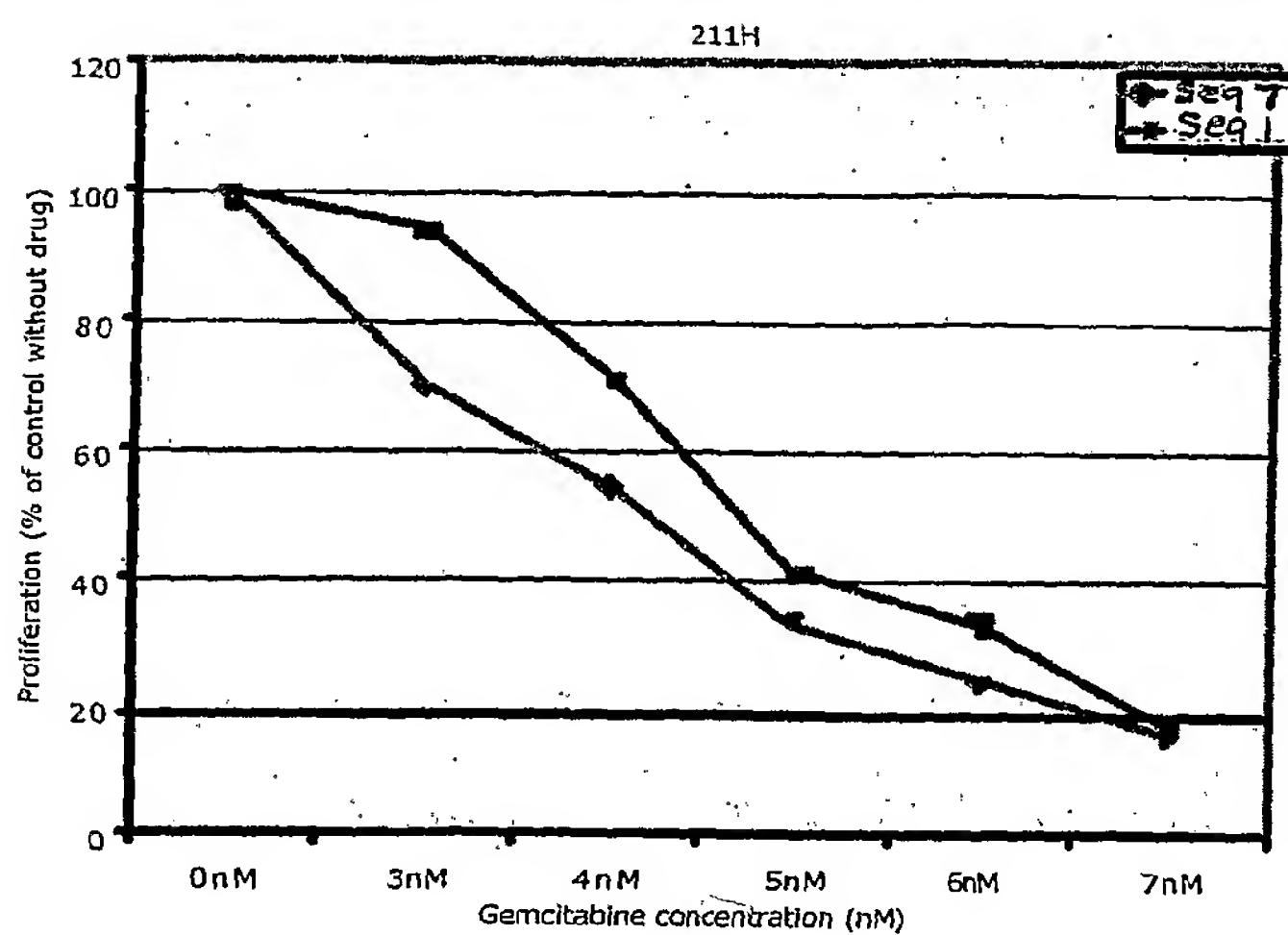


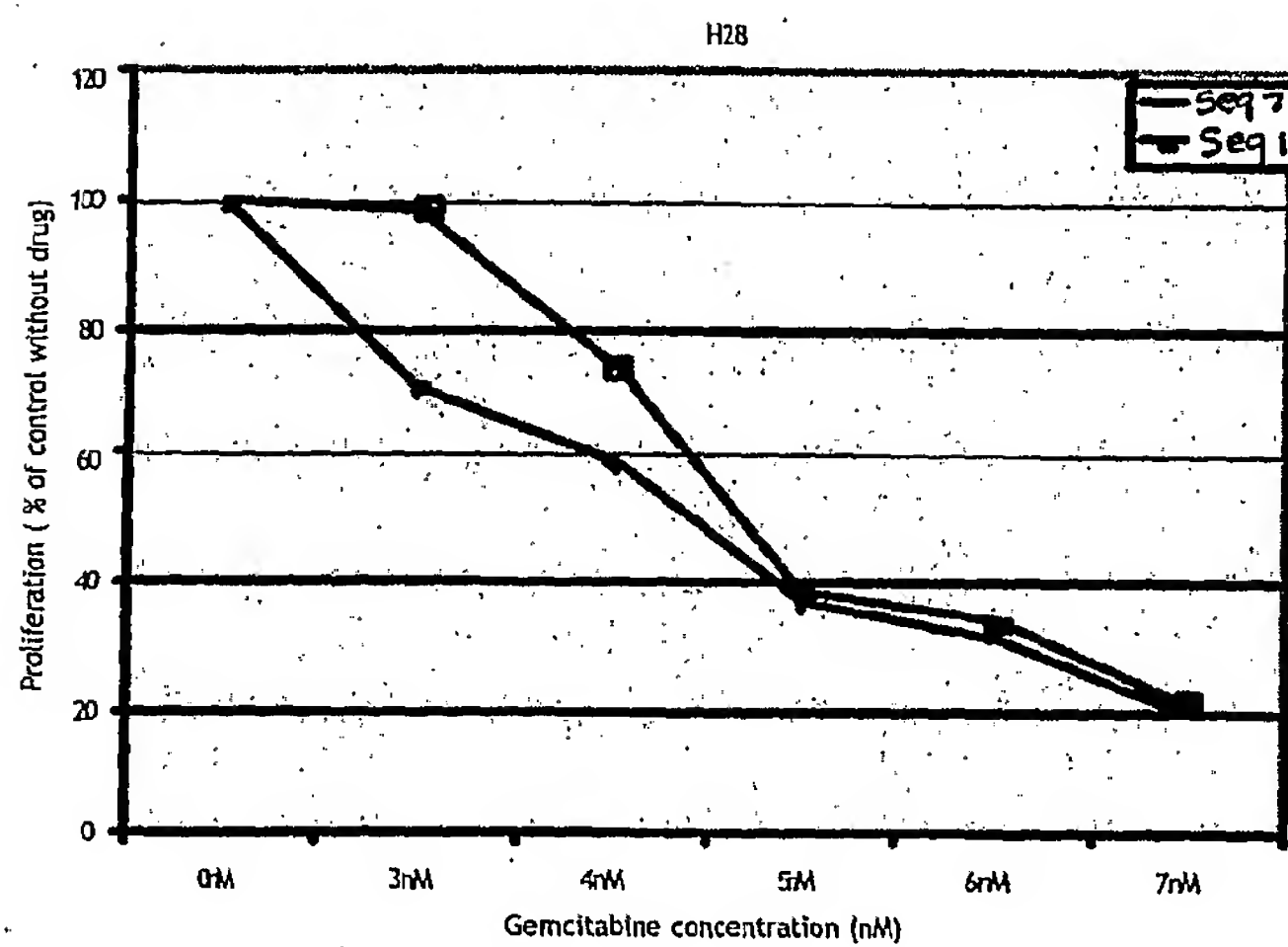
Figure 12

SEQ ID NO:1 Does Not Affect Gemcitabine Cytotoxicity

A



B



C

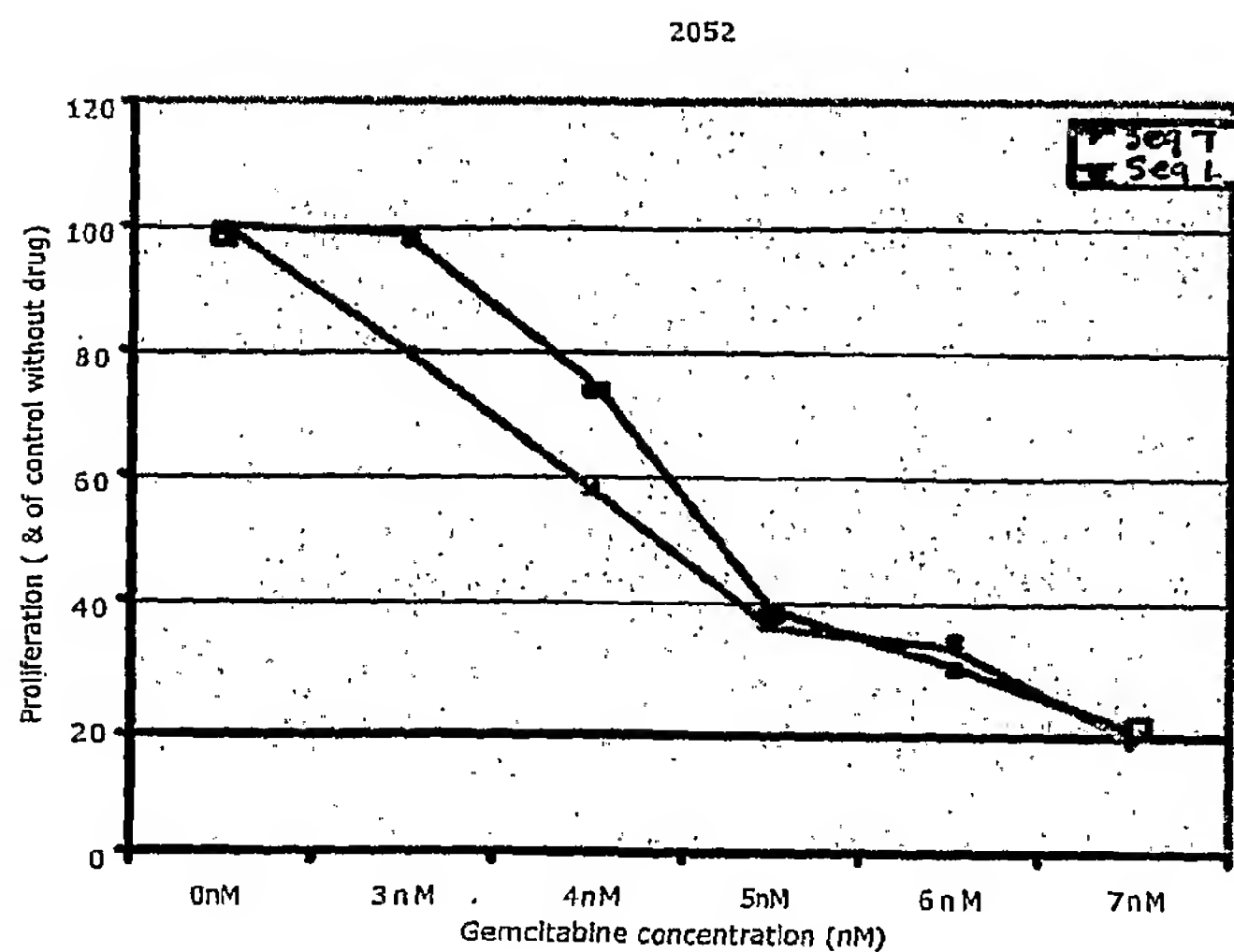


Figure 13

gi|37478|emb|X02308.1|HSTSYN1 Human mRNA For Thymidylate Synthase (EC 2.1.1.45)

GGGGGGGGGGGGGACCACTTGGCCTGCCTCCGTCCCGCCGCGCCCACTTGGCCTGCCTCCGT
CCCGCCGCGCCACTTCGCCTGCCTCCGTCCCCCGCCGCGCCATGCCTGTGGCCGGCT
CGGAGCTGCCGCGCCGGCCCTTGCCCCCGCCGCGACAGGAGCGGGACGCCGAGCCGCGTC
CGCCGCGACGGGGAGCTGCAGTACCTGGGGCAGATCCAACACATCCTCCGCTGCGGCGTCA
GGAAGGACGACCGCACGGGGACCGGGCACCCTGTCGGTATTCTGGCATGCAGGCGCGCTACA
GCCTGAGAGATGAATTCCCTCTGCTGACAACCAAACGTGTGTTCTGGAAGGGTGTTTTGGA
GGAGTTGCTGTGGTTTATCAAGGGATCCACAAATGCTAAAGAGCTGTCTTCCAAGGGAGT
GAAAATCTGGGATGCCAATGGATCCCGAGACTTTTTGGACAGCCTGGGATTCTCCACCAG
AGAAGAAGGGGACTTGGGCCCAGTTTATGGCTTCCAGTGGAGGCATTTTGGGGGCAGAATA
CAGAGATATGGAATCAGATTATTCAGGACAGGGAGTTGACCAACTGCAAAGAGTGATTGA
CACCATCAAAACCAACCCTGACGACAGAAGAATCATCATGTGCGCTTGGAATCCAAGAGA
TCTTCCTCTGATGGCGCTGCCTCCATGCCATGCCCTCTGCCAGTTCTATGTGGTGAACAGT
GAGCTGTCCTGCCAGCTGTACCAGAGATCGGGAGACATGGGCCTCGGTGTGCCTTTCAAC
ATCGCCAGCTACGCCCTGCTCACGTACATGATTGCGCACATCACGGGCCTGAAGCCAGGT
GACTTTATACACACTTTGGGAGATGCACATATTTACCTGAATCACATCGAGCCACTGAAAA
TTCAGCTTCAGCGAGAACCAGACCTTTCCCAAAGCTCAGGATTCTTCGAAAAGTTGAGA
AAATTGATGACTTCAAAGCTGAAGACTTTCAGATTGAAGGGTACAATCCGCATCCAATA
TTAAAATGGAAATGGCTGTTTAGGGTGCTTTCAAAGGAGCTTGAAGGATATTGTCAGTCTT
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GGTCAAAAATCTGTCCGTGACCTATCAGTTATTAATTTTAAAGGATGTTGCCACTGGCAAA
TGTAAGTGTGCCAGTTCTTTCCATAATAAAAGGCTTTGAGTTAACTCACTGAGGGTATCTG
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ATGTATGTGCATTTCAATCCCACGTACTTATAAAGAAGGTTGGTGAATTTCAACAAGCTATT
TTTGGAATATTTTATAGAATATTTTAAGAATTTCAACAAGCTATTCCTCAAATCTGAGGGAG
CTGAGTAACACCATCGATCATGATGTAGAGTGTGGTTATGAACCTTTATAGTTGTTTTATAT
GTTGCTATAATAAAGAAGTGTTCTGC